An Abstract

On

AI/ML Powered Multi-Disease and Side Effects Prediction

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ABSTRACT

The accumulation of excess sugar in the bloodstream is a critical health concern, contributing to life-threatening diseases such as diabetes, heart disease, bronchial asthma, renal failure, and fungal infections. Many of these conditions remain undetected, posing severe risks. Existing diagnostic methods are often time-consuming, costly, and focused on single diseases, overlooking the interconnected nature of multiple health complications. This project addresses these limitations by developing an AI/ML-based multi-disease and side effects prediction system that analyzes several kinds of symptom-related features to classify patients into multiple disease categories. The system provides timely, accurate, and cost-effective diagnoses, supports early intervention, and assists healthcare professionals in informed decision-making, ultimately improving patient outcomes and reducing risks associated with undiagnosed conditions.

Keywords: Multi-Disease Prediction, Side Effects Assessment, Machine Learning, Preventive Care, Symptom Analysis.

PROJECT GUIDE

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